

AT A REGULAR MEETING OF THE MONTGOMERY COUNTY PUBLIC SERVICE AUTHORITY, HELD ON THE 3<sup>RD</sup> DAY OF NOVEMBER 2014, 7:00 P.M., MULTI PURPOSE ROOM #2, MONTGOMERY COUNTY GOVERNMENT CENTER, CHRISTIANBURG, VIRGINIA:

|                 |                  |                         |
|-----------------|------------------|-------------------------|
| <b>PRESENT:</b> | William Brown    | -Chair                  |
|                 | Christopher Tuck | -Vice Chair             |
|                 | Mary Biggs       | -Secretary-Treasurer    |
|                 | Annette Perkins  | -Member                 |
|                 | Todd King        | -Member                 |
|                 | Matthew Gabriele | -Member                 |
|                 | Gary Creed       | -Member                 |
|                 | Robert C. Fronk  | -PSA Director           |
|                 | Karri Cridlin    | -Secretary to PSA Board |
|                 | Craig Meadows    | -County Administrator   |
|                 | Marty McMahon    | -County Attorney        |

**ABSENT:**

#### **CALL TO ORDER**

Chair William Brown called the meeting to order and determined that a quorum was present.

#### **PUBLIC ADDRESS SESSION**

There were no comments from the public

#### **CONSENT AGENDA**

On a motion by Mary Biggs, seconded by Matthew Gabriele, and carried; IT WAS RESOLVED, that the Public Service Authority hereby approves the Consent Agenda, dated November 03, 2014.

The roll call vote on the foregoing motion is as follows:

|                  |     |        |
|------------------|-----|--------|
| AYE              | NAY | ABSENT |
| Mary Biggs       |     |        |
| Todd King        |     |        |
| Christopher Tuck |     |        |
| Annette Perkins  |     |        |
| William Brown    |     |        |
| Gary Creed       |     |        |
| Matthew Gabriele |     |        |

**R14-11-01  
RESOLUTION APPROVING  
ONE-TIME SUPPLEMENT  
FOR EMPLOYEES**

On a motion by Gary Creed, Seconded by Christopher Tuck, and carried; IT WAS RESOLVED, by the Montgomery County Public Service Authority, that the Board of Directors hereby approve the one-time supplement for all 18 full-time employees. This coincides with Montgomery County's one-time supplement for employees. Cost for 18 full-time employees at \$825.00 per full time employee = \$14,850.00, the Public Service Authority does not have any part-time employees, funding for this supplement is approved to come from Operating Cash.

The roll call vote on the foregoing motion is as follows:

| AYE              | NAY | ABSENT |
|------------------|-----|--------|
| Gary Creed       |     |        |
| Matthew Gabriele |     |        |
| Todd King        |     |        |
| Annette Perkins  |     |        |
| Mary Biggs       |     |        |
| Christopher Tuck |     |        |
| William Brown    |     |        |

**FINANCIAL REPORT**

The financial report for period ending October 31, 2014, was presented for review and discussion.

**DIRECTOR'S REPORT**

**1. Monthly Activities Report**

The October 2014 report was presented for review.

**2. Virginia Department of Health Planning Grant**

We were awarded a \$50,000 Virginia Department of Health (VDH) Planning Grant on August 28, 2014. The grant will be used to develop a preliminary engineering report (PER) for the interconnections of PSA water systems required by the Joinder.

To comply with grant conditions, we had to procure engineering services per the Virginia Public Procurement Act, which included making a good faith effort to solicit Minority and Women Business Enterprises (MBE/WBE) participation. A Request for Proposal (RFP) including MBE/WBE provision was advertised on August 21, 2014 and opened on September 23, 2014. After reviewing and ranking submissions, we awarded the contract to Anderson and Associates on October 10, 2014.

**3. Water Breaks / Pipe Failures at Elliston-Lafayette Elementary School**

We experienced three water breaks on the 8" PVC pipe main to the new Elliston-Lafayette Elementary School on June 18, June 20, and July 2, 2014. There have been at least six pipe failures of the same nature on the 8" PVC pipe main since October 2012. The pipe failures were straight-line splits in the "bell" end of the pipe. We kept damaged pipe joint sections from the last 2 breaks and sent one to the pipe manufacturer for evaluation. The pipe manufacturer's report stated the pipe failure was the result of improper installation and "additional joints are susceptible to similar stress induced failures."

After coordinating with Montgomery County Public School (MCPS), MCPS staff issued a letter to the general contractor claiming a "Latent Defect" in the water line installation. A meeting was held October 1, 2014 with the general contractor, pipeline subcontractor, MCPS staff and PSA staff to review the situation and available information. The contractor has yet to officially reply. MCPS staff indicated they have recently contacted the contractor to check status and are awaiting a reply.

#### **4. Capital Improvements Projects**

The PSA BOD approved the FY15 Capital Improvement Projects (CIP) and funding during the April 7, 2014 PSA meeting. PSA staff has been working on the approved projects (copy attached) for completion in FY15. The Shawsville WWTP coating project is approaching completion and the wastewater pumps have been ordered.

#### **5. Shawsville Wastewater Treatment Plant Metal Basin Rehabilitation Projects**

The largest CIP project, Shawsville Wastewater Treatment Plant metal basin rehabilitation project started August 11, 2014 and is approaching final completion. The completion date for the project was September 20, 2014 and the work was substantially completed during the last week of October 2014. The bulkhead wall between the sludge digester and treatment basin was in worse condition than expected and the required corrections will result in a change order with additional project cost. The final project cost is being determined considering the extra work to replace steel wall section and late penalties.

#### **6. Auburn High School Wastewater Discharge**

One of the conditions to release final certificate of occupancy (C.O.) to the new high school was collection and analysis of wastewater samples to confirm compliance with PSA discharge limits. Two samples were collected from the school on June 16, 2014 and analyzed for parameters of concern at the Riner Wastewater Treatment Plant (WWTP). The Total Kjeldahl Nitrogen (TKN) results for both samples were magnitudes greater than the DEQ permit limit for the Riner WWTP. This is a significant concern as wastewater from the schools comprises about half of the total flow to the WWTP and excessive TKN loading could exceed WWTP removal capacity resulting in permit violations. The PSA has been analyzing TKN samples at the Riner WWTP to establish background loading and treatment removal capacity.

The school representative informed us they collected additional samples on October 22, 2014. We'll evaluate the sample results when received to determine any additional requirements.

#### **7. Shawsville Well Property**

The PSA owns a well lot (+/- 0.4 acres) adjacent to the Roanoke River along westbound Rt. 460 just east of Shawsville. The well was part of the old Shawsville water system and taken out of service in December 1997. The well house had recently been broken into and all copper wire and components removed.

Earlier this year, the PSA BOD approved the sale of the property after closure of the well. The well closure was completed in July 2014 and the well abandonment report was submitted to the Virginia Department of Health (VDH) on August 26, 2014. The materials needed to disconnect the well supply line have been ordered and the work is scheduled for November 2014.

#### **8. Petroleum Discharge to Elliston Wastewater Treatment Plant (WWTP)**

The Elliston WWTP operates as an effluent-only facility where only liquid from customers is discharged to the sewer system for transport to the WWTP and solids are collected and stored in a septic tank on the customers' property. We currently have 181 sewer customers on the Elliston sewer system. The PSA pumps the solids from the septic tanks on a regular basis (+/- 5 years) and hauls the solids to the WWTP for treatment. Commercial septic tank haulers are used to pump and haul the solids from customers' septic tanks.

A trucking company's septic tank was pumped on September 8, 2014 and dumped at the WWTP. Due to a noticeable odor, the material in the WWTP septic receiving pit was analyzed and found to contain petroleum. Petroleum is a prohibited discharge and could cause an upset to the WWTP and release of petroleum to the Roanoke River. The septic tank contractor's driver knew of the petroleum contamination, but still dumped the material at the WWTP.

The material in the WWTP septic receiving pit was removed and hauled off for disposal as hazardous material on October 20, 2014 at a cost of \$7,675.

We contacted the trucking company owner and septic tank contractor relative to the situation and requested reimbursement for the cost of removal and disposal of the contaminated material.

**9. North Fork Road (Rt. 603) Highway Project**

The Virginia Department of Transportation (VDOT) North Fork Road project work started June 30, 2014. A section of PSA sewer force main is to be relocated during the project. The PSA Board approved a change order to increase the sewer force main pipe size from 4" to 6" and funding the pipe increase from Operating Cash.

The PSA Director negotiated with the contractor, Faulconer Construction Company to increase the sewer force main pipe diameter for \$27,500 which is within the approved budget. We've executed an agreement with VDOT for this work and expect billing from VDOT in about 30 days.

**10. Fire Hydrant Flow Testing**

The Fire Hydrant Maintenance Contract was rebid in spring 2014 after expiration of the initial five-year contract. A new contractor, Bowman-Griffin was awarded the contract in July 2014. The contractor started fire hydrant flow testing and maintenance in October 2014 and is expected to complete the work in 30 days.

Fire hydrant pressure and flow data for all hydrants will be compiled and provided to the Fire Departments. This work will also identify fire hydrant deficiencies outside the scope of the contractor's work for repair by PSA staff.

**11. Customer Letter**

Attached is a letter dated October 7, 2014 from Mr. Kenneth Wright commending Greg Webb for assisting Mr. Wright with a water leak. Mr. Wright has repaired the water leak and was provided a leak adjustment on his bill.

**AUTHORITY MEMBERS' REPORT**

Member Gabriele- No Report  
Member King- No Report  
Member Perkins- No Report  
Member Creed – No Report  
Member Biggs- No Report  
Member Tuck - No Report  
Member Brown - No Report

**ADJOURNMENT**

There being no further business, the Chair adjourned this meeting to the next meeting scheduled for December 1, 2014.